



Mr. Eric Winiecki
EPA Project Coordinator
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Seattle, WA 98101

Subject:
DOCKET NO. SDWA-10-2013-0080, Yakima Valley Dairies
May 2013 Monthly Progress Report

Dear Mr. Winiecki:

Please find attached the Yakima Valley Dairies Monthly Progress Report for the period May 11 to June 10, 2013, submitted on behalf of: (1) Cow Palace, LLC; (2) D & A Dairy, LLC (also known as D&A Dairy L.L.C.), George DeRuyter & Son Dairy, L.L.C., and George & Margaret, L.L.C; and (3) Liberty Dairy LLC and its associated dairy facility H&S Bosma Dairy. If you have any questions or comments, please do not hesitate to call. Thank you.

Sincerely,

ARCADIS U.S., Inc.

Kevin M. Freeman
YVD Project Coordinator

Attachments:
Monthly Progress Report, May 11 to June 10, 2013

Copies:
[Redacted], Cow Palace LLC
[Redacted], George DeRuyter & Son Dairy LLC
[Redacted], Liberty Dairy LLC
Rene Fuentes, EPA
Jennifer MacDonald, EPA
Patrick W. Ryan, Perkins Coie LLP
Lori Terry Gregory, Foster Pepper PLLC

ARCADIS U.S., Inc.
695 North Legacy Ridge Drive
Suite 200
Liberty Lake
Washington 99019
Tel 509 928 3369
Fax 509 928 3075
www.arcadis-us.com

ENVIRONMENT

Date:
June 17, 2013

Contact:
Kevin M. Freeman, PG

Extension:
211

Email:
Kevin.Freeman@arcadis-us.com

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Imagine the result

YAKIMA VALLEY DAIRIES (YVD)

Docket No, SDWA-10-2013-0080

Monthly Progress Report [per Consent Order (CO) Statement of Work (SOW) III.K.1]

Period: May 11, 2013 to June 10, 2013

Task Number	Task Title	Actions Completed During Reporting Period	Work Planned for Next 60 days	Problems Encountered/Anticipated and Solutions Developed/ Implemented
GENERAL TASKS				
1	Identify Project Coordinator (Consent Order 16. b.) and Contractor (notification of subsequent contractors must be provided to EPA 20 days prior to commencement of Work) (Consent Order 16.a.)	None	TASK COMPLETE	
4	Notify EPA regarding interest in participating in the public involvement process (III.C.)	YVD notified EPA of intent to participate on April 18, 2013.	TASK COMPLETE	
PROVISION OF WATER (III.D.)				
5	Submit Residential Well Sampling QAPP (III.D.2.)	Received EPA approval of RWS QAPP on May 13, 2013.	TASK COMPLETE	
6	Test each residential drinking water well within the Dairy Facilities boundary and within one mile downgradient of the Dairy Facilities (III.D.3.)	Sent notice letter to residences on 5/17/2013. Began door-to-door contact and testing of residences on 5/28/2013. Completed door-to-door CONTACT of residences on 6/10/2013	Will follow up and scheulle sampling of residences responding to "Sorry We Missed You" cards, if contacted by residences.	
7	Provide residents results of Hach test strip (III.D.4.)	Provided during sample collection, 5/28 - 6/10/2013.	Action related to Task 6	
8	Provide preliminary results of laboratory analysis of residential drinking water well samples to EPA (III.D.4.)	Submitted preliminary results to EPA for sampling week 6/28 to 6/30.	Submit preliminary results of samples collected week-ending 6/6 and 6/13 to EPA.	
9	Provide validated laboratory analytical results to each resident and to EPA (III.D.4.)	None	Provide validated laboratory analytical results to each resident and to EPA for samples collected 5/28 to 6/10.	

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10	Provide reverse osmosis treatment system (or other EPA approved alternative water supply) to each owner/occupant that accepts offer for alternative water (III.D.5)	None	Beginning 6/18/2013, residences with drinking water samples exceeding nitrate MCL will be contacted regarding system offer. Those accepting system offer will be scheduled for installation. Additionally, beginning 6/18/2013, residences with existing RO systems will be contacted regarding maintenance offer.	
11	Submit Residential Well Sampling Report	None	None	
GROUNDWATER MONITORING (III.E.)				
12	Submit Groundwater Monitoring QAPP (III.E.1.)	Submitted GWM QAPP and HSP to EPA on 5/20/2013.	Respond to EPA comments when received. Begin scheduling drilling contractor and coordinating/clearing actual well locations with EPA. Perform utility clearance. Possible initiation of drilling activities.	
13	Submit Groundwater Monitoring Well Installation Report (III.E.2.)	None	None	
14	Report validated groundwater nitrate analytical results (III.A.3.e.(1))	None	None	
15	Quarterly Groundwater Monitoring Data Reports (III.E.3.)	None	None	
16	Annual Groundwater Monitoring Data Report (III.E.3.)	None	None	

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IMMEDIATE SOURCE CONTROL ACTIONS (III.F.)				
17	Submit Dairy Facility Application Field Management Plan (III.F.1.)	Submitted credentials of agricultural professional (AgriManagment) to EPA on 5/14/2013 for review. AgriManagment and ARCADIS prepared Plans. Plans submitted to EPA on 5/20/2013. ARCADIS submitted a modification request regarding NH4 versus NH3 sampling on 5/16/2013. EPA approved modification request on 5/20/2013.	Respond to EPA comments.	
18	Submit Dairy Facility Application Field Reports (III.A.3.e.(2))	None	None	
19	Submit Irrigation Water Management Plan (III.F.2.)	Submitted credentials of irrigation professional (AgriManagement) to EPA on 5/14/2013 for review. AgriManagement initiated preparation of Plan.	AgriManagement and ARCADIS to prepare Plan and submit to EPA by 6/17/2013.	
20	Implement Irrigation Water Management Plan (III.F.2.)	None	None	
21	Take action to reduce nitrate contributions from silage storage (III.F.3.)	Completed facility reviews related to silage storage practices. Provided recommendations of potential actions to YVD. Initiated implementation of recommended actions.	Provide memorandum of observations and actions to EPA.	
22	Take action to reduce nitrate contributions from solid separator (III.F.4)	Completed facility reviews related to solid separator(s). Provided recommendations of potential actions to YVD. Initiated implementation of recommended actions.	Provide memorandum of observations and actions to EPA.	

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23	Install backflow prevention system (III.F.5)	Submitted backflow prevention system verification memorandum to EPA on April 18, 2013.	TASK COMPLETE	
24	Submit Lagoon Review Report (III.F.6.)	Submitted Reports to EPA on 5/20/2013. Initiate Task 25 based on EPA review of Report.	Initiate Task 25 based on EPA review of Report.	
25	Submit Lagoon Evaluation Plan (III.F.6).	None	None	
26	Submit Lagoon Evaluation Report and Lagoon Work Plan (III.F.6)	None	None	
27	Submit records of locations to which manure is transported off of the Dairy Facilities (III.F.7)	None	None	
28	Eliminate furrow irrigation (III.F.8.)	None	None	
29	Submit Plan for assessment of area surrounding monitoring well DC-03 (III.F.12.)	Submitted Plan to EPA on 5/20/2013.	Respond to EPA comments.	
	REPORTING (III.K.)			
34	Monthly Progress Reports (III.K.1.)	April Monthly Progress Report submitted to EPA on May 15, 2013. Prepared April MPR.	Submit May MPR to EPA on June 17, 2013. Prepare June MPR. Prepare July MPR.	
35	Annual Reports (III.K.2.)	None	None	